

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	886	(open adj2 loop) same (closed adj1 loop) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/24 15:59
S2	223	(open adj2 loop) same (closed adj1 loop) same filter\$4 and ((sum\$4 or add\$4 or combin\$4) same ((open adj1 loop) and (closed adj1 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 10:51
S3	221	"L3" and ((maximum or highest or greatest) with (data near2 (rate or speed)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 10:42
S4	7	S2 and ((maximum or highest or greatest) with (data near2 (rate or speed)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 11:56
S5	7	S2 and ((maximum or highest or greatest) with (data near2 (rate or speed)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 11:57
S6	642	((sum\$4 or add\$4 or combin\$4) with ((open adj1 loop) and (closed adj1 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 10:52
S7	41	( ((sum\$4 or add\$4 or combin\$4) with ((open adj1 loop) and (closed adj1 loop))) same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 11:23
S8	6	(estimat\$4 with (quality or "SNR" or "SINR" or "CIR")) same ((multipl\$5 or combin\$4 or add\$4 or sum\$4) near3 ((transmit\$4 or transmission) near3 power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 11:28
S9	6	S2 and ((maximum or highest or greatest) with (data near2 (rate or speed))) and (data adj1 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:00
S10	2	("6647058").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 15:35
S11	0	(open adj1 loop) near2 ("SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:12

## EAST Search History

S12	4	(open adj1 loop) near3 ("SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:13
S13	60	(open adj1 loop) with ("SNR" or (signal adj2 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:17
S14	24	(open adj1 loop) near4 ("SNR" or (signal adj2 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:15
S15	36	S13 not S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:20
S16	203	(open adj1 loop adj1 estimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:20
S17	7	(open adj1 loop adj1 estimat\$4) with ("SNR" or (signal adj2 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/12 12:21
S18	1242	(add\$4 or sum\$4 or combin\$4) near3 ((transmit\$4 or transmission) adj1 power)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 10:06
S19	1292	(add\$4 or sum\$4 or combin\$4) near3 ((transmit\$4 or transmission) adj1 power)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:06
S20	62	S19 same ((data or bit or symbol) near2 (rate or speed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:49
S21	131	S18 and (open adj1 loop) and (closed adj1 loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 10:52
S22	23	S19 same ((data or bit or symbol) near2 (rate or speed)) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:50
S23	62	S19 same ((data or bit or symbol) near2 (rate or speed)) and ((data or bit or symbol) near2 (rate or speed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/28 10:50

## EAST Search History

S24	87	S18 and (open adj1 loop) and (closed adj1 loop) and ((data or bit or symbol) near2 (rate or speed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 14:52
S25	80	"L1" and (open adj1 loop) and (closed adj1 loop) and ((data or bit or symbol) near2 (rate or speed)) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 15:06
S26	11	(maximum adj1 data adj1 rate) with (transmission adj1 power)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/28 15:37
S27	2	("6144861").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 19:09
S28	72	((determin\$4 or calculat\$4) near4 (maximum adj3 (rate or speed))) same (transmit\$4 or transmission) same ("SNR" or "SIR" or (signal adj2 noise adj2 ratio) or (signal adj2 interference adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/06 19:13
S29	57	((determin\$4 or calculat\$4) near4 (maximum adj3 (rate or speed))) with ("SNR" or "SIR" or (signal adj2 noise adj2 ratio) or (signal adj2 interference adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/06 19:13
S30	5	(detect\$4 near outage) and (open adj1 loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:10
S31	74	(filter\$4 near3 ("SIR"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:05
S32	2	(filter\$4 near3 ("SIR")) and predictor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/12 15:19
S33	10	(filter\$4 near3 ("SIR")) and predict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:14
S34	43	(detect\$4 near outage) same (transmit\$4 or transmission) same power	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:12

## EAST Search History

S35	6	(detect\$4 near outage) same (transmit\$4 or transmission) same wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:12
S36	3	(predictor near3 ("SIR")) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:15
S37	3	(predictor near4 ("SIR")) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/06 20:15
S38	372	(detect\$4 same outage) same (communicat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/12 15:20
S39	157	(detect\$4 with outage) with (communicat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 15:20
S40	87	(detect\$4 near3 outage) with (communicat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 15:21
S41	87	S40 and outage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 15:22
S42	4	(("6144861") or ("6940824")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/30 15:17
S43	1575	(sum\$4 or add\$4) same (open near2 loop\$4) same (clos\$4 near2 loop\$4)\	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/23 10:11
S44	1588	(sum\$4 or add\$4) same (open near2 loop\$4) same (clos\$4 near2 loop\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 10:16
S45	143515	(sum\$4 or add\$4) with (open near2 loop\$4) tih (clos\$4 near2 loop\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 10:12
S46	399	(sum\$4 or add\$4) with (open near2 loop\$4) with (clos\$4 near2 loop\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 10:12

## EAST Search History

S47	164	(sum\$4 or add\$4) same (open near2 loop\$4) same (clos\$4 near2 loop\$4) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 11:31
S48	164	(sum\$4 or add\$4) same (open near2 loop\$4) same (clos\$4 near2 loop\$4) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 17:05
S49	89	((sum\$4 or add\$4) same (open near2 loop\$4) same (clos\$4 near2 loop\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 12:46
S50	18	((sum\$4 or add\$4) and (filter\$4 with (open near2 loop\$4)) and (filter\$4 with (clos\$4 near2 loop\$4))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/23 12:50
S51	2	("6144861").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/23 12:50
S52	1	375/225.ccls. and (open adj2 loop) same (closed adj1 loop) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/24 16:02
S53	13	455/522.ccls. and (open adj2 loop) same (closed adj1 loop) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/24 16:03
S54	13	455/522.ccls. and (open adj2 loop) same (closed adj1 loop) same filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/24 16:07
S55	2	("20030165190").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/24 16:07